EE / SE Sign

IT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

209515

Serial No. BR-351 30-8-4

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Name of Work:- Improvements to CC Road & CC Drains at Chikkabettahalli Village (Newly added area) at M.S palya Behind Somashais Apartment in Ward No 11						
	Work Code No:- 011-14-000039 Estimated Cost:- Rs 25.00 Lakhs						
	Work order No:- EE/BTP/BBMP/E-Proc/38/14-15 Dated 15.07.14						
	Name of Agency:- Sri Laxminarayana #354 5th 'A' Cross. Sharadamba Nagar Jalahalli Village + B-Hob-13.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Recorded on 22/7/14						
	1) Earth work excavation by manual means in Hard Soil involving an average horizontal throw upto 2 meters & an average lift upto 0.5m, excavated surface leveled & sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc. complete as per specifications						
	CC Road						
		1	22.00	4.70+9.00/2	0.20	30.14	
		1	30.80	5.00	0.20	30.80	
		1	30.00	3.30+3.80/2	0.20	21.30	
		1	27.50	3.80+3.50/2	0.20	20.08	

Serial No. .....

Name of Work ..... From

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	4th Cross Road	1
	1st Cross VGD Cutting portion	1
	For Culvert	1
		1
		1
	Desilting of Drains LHS	1
		1

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T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

-work means is Hard Soil
ntal throw upto 2 metres of
excavated surface levelled
posed earth to be levelled
etc. complete as per specifications

4.70+9.00/2 x 0.20 = 30.14

8.00 x 0.20 = 30.80

8.30+8.80/2 x 0.20 = 21.30

8.80+8.50/2 x 0.20 = 20.08

M. A. R. 57 (Rule 116)
Measurement Book

No. B

209516

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	4th Cross Road	1	29.50	4.00+4.80/2	0.20	= 25.96	
	1st Cross UGD Cutting portion	1	32.70	0.60	0.20	= 3.92	
	For Culvert	1	5.80	2.00	1.20	= 13.92	
		1	5.00	2.00	1.20	= 12.00	
		1	4.00	2.00	1.20	= 9.60	
	Desilting of Drains LHS	1	32.00	0.60	0.45	= 8.64	
		1	30.00	0.45	0.35	= 4.73	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	RHS	1	30.00	0.45	0.30	= 4.05	
		1	30.00	0.45	0.35	= 4.73	
		1	30.00	0.45	0.40	= 5.40	
		1	30.00	0.45	0.45	= 6.08	
		1	30.00	0.45	0.30	= 4.05	
		1	30.00	0.45	0.40	= 5.40	
		1	22.80	0.45	0.35	= 5.39	
		1	30.00	0.45	0.45	= 6.08	
		1	30.00	0.45	0.40	= 5.40	
		1	30.00	0.45	0.35	= 4.73	
		1	30.00	0.45	0.45	= 6.08	

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Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number	Le
1	2	3	
		1	
		1	
		1	
		1	
		1	
		1	
		1	

EE / SE Sign

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s		Contents	Reference to last Measurement
adth	Depth 6	7	8
15	× 0·30 = 4·05		
15	× 0·35 = 4·73		
15	× 0·40 = 5·40		
5	× 0·45 = 6·08		
5	× 0·30 = 4·05		
5	× 0·40 = 5·40		
5	× 0·35 = 5·39		
5	× 0·45 = 6·08		
5	× 0·40 = 5·40		
5	× 0·35 = 4·73		
3	× 0·45 = 6·08		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

209517

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	30.00	0.45	0.40	= 5.40	
		1	30.00	0.45	0.45	= 6.08	
		1	30.00	0.45	0.30	= 4.05	
		1	30.00	0.45	0.35	= 4.73	
		1	30.00	0.45	0.40	= 5.40	
		1	18.50	0.45	0.40	= 3.33	
					Total Qty	265.63 M3	
					Limited To	265.60 M3	

EE / SE Sign

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			J Rf	95.25			Rf, 252980
			ಸ.ಇ.ಎ.				Lyb 22/2
	2) Construction of embankment with approved material gravel/murrum with all lifts & leads, transporting to site spreading to required slope & Comparing to Meet requirement table 300-2 which includes cost of gravel/murrum, watering charges & Compaction by Vibratory rollers etc Complete as per specification.						
	Premeasurement Qty Vide page No 209585						
	Total Qty					~~198.28 Cum~~ 309.18 Cum	

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Serial No. .....

Name of Work ..... Fr

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	3) providing & laying in M 7.5 with ope Cement J granite metal. Coarse agg 0.58 Cum machine Mixed, 15 Cum ~~thride~~ well comp	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
11)	providing & laying granite jelly of ready mixed Concrete (RMC) for R.C.C works laid in layers 15cms thick well compacted, vibrating, curing, finishing with necessary cement Mortar, form works & scaffoldings to with stand pumping & Concrete. with all lead & lifts etc. complete. Ready mixed cement Concrete M.20 (1:1.5:3) for raft foundations, columns, Footing, Main & Secondary beams etc. Complete as per specifications.						
	ce Road	1	22.00	$\frac{4.70+9.00}{2}$	0.10	= 15.07	
		1	30.80	5.00	0.10	= 15.40	
		2	30.00	$\frac{3.30+3.80}{2}$	0.10	= 10.65	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	Cross Road	

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OOK

Depth 6	Contents 7	Reference to last Measurement 8
te using 20mm & down Size (RMC) for R.C.C Works laid Vibrating, Curing, finishing en works & Scaffoldings ifts all lead & lifts etc. nerete M.20 (1:1.5:3) For n & Secondary beams		
00x0.10 = 15.07		
x 0.10 = 15.40		
.80x0.10 = 10.65		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

209526

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Cross Road	1	27.50	$\frac{3.80+3.50}{2}$	0.10	= 10.04	
		1	29.50	$\frac{4.00+4.80}{2}$	0.10	= 12.98	
		1	30.00	$\frac{4.20+4.00}{2}$	0.10	= 12.30	
		1	30.00	$\frac{4.00+4.10}{2}$	0.10	= 12.15	
		1	10.50	$\frac{4.10+4.30}{2}$	0.10	= 4.41	
		2	30.00	$\frac{2.80+2.50}{2}$	0.10	= 7.95	
		1	31.10	$\frac{2.50+2.70}{2}$	0.10	= 8.09	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8	
			$1 \times 30.00 \times \frac{3.20+3.20}{2} \times 0.10 =$			9.60	
			$1 \times 10.00 \times \frac{3.20+3.10}{2} \times 0.10 =$			3.15	
			$1 \times 32.70 \times 0.60 \times 0.10 =$			1.96	
	UCD Curing portion		Total Qty			123.75 M3	
	Caffi pmt 30/9/2019		limited to			123.00 M3	
			SR 6787.46			@ 8348.00	
12)	Vacuum De-watering with vacuum pump & Suction mat of Compaction with Skin Floater clubbed with Floating dise including cost of generator HSD & Machinery Screed						

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Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	Vibratory, power Floate reload	

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ENT BOOK

Dimensions: Length	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
×3.20+3.20/2		×0.10 =	9.60	
×3.20+3.10/2		×0.10 =	3.15	
×0.60		×0.10 =	1.96	
total qty			123.75 m³	
restricted to			123.00 m³	
@ ₹ 6787.46			₹ 8348.00	
sewer pump & suction mat &				
flushed with floating disc				
from Machinery Screed				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

209527

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Vibratory, power floater, blade & disc etc. Complete as per specification						
	reload	1	× 22.00	× 4.70+9.40/2		= 150.70	
		1	× 30.80	× 5.00		= 154.00	
		1	× 30.00	× 3.30+3.80/2		= 106.50	
		1	× 27.50	× 3.80+3.50/2		= 100.38	
		1	× 29.50	× 4.00+4.80/2		= 129.80	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	$\frac{4.20+4.00}{2}$		= 125.00	
		1	30.00	$\frac{4.00+4.10}{2}$		= 121.50	
		1	10.50	$\frac{4.10+4.30}{2}$		= 44.10	
		1	30.00	$\frac{2.80+2.50}{2}$		= 79.50	
		1	31.10	$\frac{2.50+2.70}{2}$		= 80.86	
		1	30.00	$\frac{3.20+3.20}{2}$		= 96.00	
		1	10.00	$\frac{3.20+3.19}{2}$		= 31.50	
	UGD Cutting portion	1	32.70	0.60		= 19.62	

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Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number	L
1	2	3	
	13) For Third party QC Inspection cha		

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th	Depth 6	Contents 7	Reference to last Measurement 8
	+4.00	= 125.00	
	4.10	= 121.80	
	4.30	= 44.10	
	+2.50	= 79.80	
	+2.70	= 80.86	
	+3.20	= 96.00	
	+3.19x	= 31.50	
	50	= 219.62	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

209528

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
				Total qty		1237.46 M²	
				limited to		1230.00 M²	
				@ Rs 96.38		Rs. 118547=00	
	13) For Third party QC Inspection charges @ 1% of Estimate cost					Rs 2500=00	
				Total		Rs. 2600897=00	
	C&T-C					Lyell 30/8/14	2175875=00

ಸ. ಅ. ಅ. 30/8/14

Contents	Reference to last Measurement 8
Begin the day Today 110.30m. C.C. Road Culverts S.S.M. Drain.	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 209529

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 2575875=00 ಗಳ ಶೇ ಪಾಸು ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 349878=00 ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು ರೂ 2225997=00 ಚೆಕ್ ಮುಖಾಂತರ ನಿಗದಿಪಡಿಸಿದೆ ಲೆಕ್ಕಾಧಿಕಾರಿಯವರು ಬ್ಯಾಡರಹಳ್ಳಿ ಉಪವಿಭಾಗ ಶ್ರೀ ಪ್ರ ವಿ ಮು ಪಾ					I – 25759 – II – 103031 – III – 167432 – IV – 25759 – V – 2576 – VI – 25317 – ಒಟ್ಟು 349878=00 11/3	